



Intercontinental Terminals Company (ITC) Fire Update
Deer Park, Texas
April 9, 2019 0000 – April 9, 2019 1159

- On April 8, 2019, the Unified Command formed a Technical Working Group to develop a process for tracking response progress and a draft Transition Plan from response operation over to normal operations.

Land Operations:

- On April 8, 2019, ITC started re-circulating the waste water treatment process without discharging any water.
- On April 8, 2019, ITC continued degassing tanks 80-13, 80-14, and 80-15 using a thermal oxidizer to decrease off-gassing, and continued sludge break-up operations for tank 80-15.
- ITC continues applying foam to the tanks and tank farm area as needed.

Tank Status	Tank No.
Complete*	80-2, 80-3, 80-7, 80-9, 80-10, 80-12, 80-13, 80-14, 80-15
Standby	80-1, 80-4, 80-5, 80-6, 80-8, 80-11

*The tank status are estimates provided by ITC based on thermal imaging calculations. The tanks with complete status may have residual products and/or may be partially refilled by overspray, foam, or containment water due to other tank operations.

Water Operations:

- On April 8, 2019, ITC continued flushing of Tucker Bayou and moved product to drum skimmers located at the Tidal Road bridge and Marco boat skimmers located at the confluences of Tucker Bayou and the Houston Ship Channel. Skimming operations at Tucker Bayou during nights have been discontinued. The flushing operations will continue on a 24-hour basis.
- EPA conducted surface water sampling on April 8, 2019 at 10 sample locations. The surface water samples were collected along Buffalo Bayou and the San Jacinto River and will be analyzed for per- and polyfluoroalkyl substances (PFAS), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), chemical oxygen demand (COD), and oil & grease. The results from the sampling event were compared to the TCEQ Surface Water Quality Standards (WQS), or to TCEQ Texas Risk Reduction Program surface water protective concentration levels (PCLs), if a WQS was not available for a chemical. On March 21, 2019, the surface water sample collected at the confluence of Tucker Bayou and Buffalo Bayou (BB-02) exceeded the PCL for oil and grease, and the WQS for naphthalene, benzene and total xylenes. On March 25, 2019, the surface water sample collected on Buffalo Bayou at the Battleship Texas (BB-

05) exceeded the PCL for oil and grease. On April 2, 2019, the surface water sample collected on Buffalo Bayou at the Battleship Texas (BB-05) exceeded the WQS for 2-methylnaphthalene and phenanthrene. No other exceedances have been observed.

- The United States Coast Guard (USCG) Captain of the Port continues the controlled open for the Ship Channel, with traffic during the daytime only. Decontamination vessels are being positioned to help ships that may have residue on the hulls.
- As of Tuesday, April 9, 2019:
 - 153,400 feet of boom deployed
 - 117,486 bbl of product/water recovered from water operations
 - 163,831 Tuesday bbl of product/water recovered from tank farm
 - Approximately 465,000 gallons of foam concentrate have been used for fire-fighting/suppression and emission suppression

Total Vessels as of April 7, 2019				
Work Boats	Barges	Small Capacity Skimming Vessels	Skimmers	Total Vessels
107	108	25	117	357

Community Air Monitoring:

- Several entities including TCEQ, EPA, and ITC continue to conduct air monitoring around the tank farm, in adjoining industrial areas, and communities downwind from the facility.
- EPA conducted handheld air monitoring on April 8, 2019, from 00:00 to 23:59 at 62 locations in the surrounding communities. No results above the detection limit have been observed. EPA will continue to conduct additional air monitoring. TCEQ continued handheld air monitoring on April 8, 2019 in the surrounding communities, from 12:00 am to 11:59 pm; no readings above the Unified Command action level were detected.
- The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found an exceedance of the Texas comparison value for isoprene on April 8, 2019 during flight 21. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Intercontinental Terminal Company (ITC) in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs). ASPECT found that a reading of isoprene (0.76 ppm) east of the ITC facility exceeded the short-term AMCV (0.02 ppm). 1-butiene and butadiene were detected at values less than their short-term AMCVs.
- EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on April 8, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term AMCVs and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling results found an exceedance of the short-term AMCV for benzene (0.18 ppm) near the ITC facility. These results have been shared with unified command and local officials.

Additional Information: Air Monitoring and Water Sampling locations.

